

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference CL/V -33309A	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2004/008825	International filing date (day/month/year) 06/08/2004	(Earliest) Priority Date (day/month/year) 07/08/2003
Applicant NOVARTIS AG		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☐ as suggested by the applicant.

☒ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/008825

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01N33/66 A61B5/00 G01N33/58

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01N A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/045783 A1 (MARCH ET AL) 6 March 2003 (2003-03-06) paragraphs '0012!, '0014!	1-9
Y	DICESARE, N ET AL: "Spectral Properties of Fluorophores Combining the Boronic Acid Group with Electron Donor or Withdrawing Groups. Implication in the Development of Fluorescence Probes for Saccharides" JOURNAL OF PHYSICAL CHEMISTRY A, vol. 105, no. 28, 2001, pages 6834-6840, XP001197156 page 6840, column 1, last paragraph - column 2, paragraph 1; figure 1	1-9
P, X	US 2004/087842 A1 (LAKOWICZ & DICESARE) 6 May 2004 (2004-05-06) paragraph '0080!; examples 1,2	1-9
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

7 December 2004

Date of mailing of the international search report

17/12/2004

Name and mailing address of the ISA

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Authorized officer

Ruster M

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/008825

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/78830 A (NOVARTIS AG) 28 December 2000 (2000-12-28) page 18, paragraph 2 page 21, last paragraph	2
A	DICESARE, N ET AL: "Chalcone-analogue fluorescent probes for saccharides signaling using the boronic acid group" TETRAHEDRON LETTERS, vol. 43, no. 14, 2002, pages 2615-2618, XP004343966 cited in the application abstract	1-9
A	DI CESARE, N. ET AL: "Wavelength-ratiometric probes for saccharides based on donor-acceptor diphenylpolyenes" JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY, A: CHEMISTRY, vol. 143, no. 1, 2001, pages 39-47, XP002309288 page 46, column 2, paragraph 1; figure 1	1-9
A	SHINMORI, H AL: "Spectroscopic sugar sensing by a stilbene derivative with push (Me ₂ N)-pull((HO) ₂ B-)-type substituents" TETRAHEDRON, vol. 51, no. 7, 1995, pages 1893-18902, XP004104823 the whole document	1-9
A	US 2001/026946 A1 (ASHER) 4 October 2001 (2001-10-04) the whole document	1
A	US 2002/049389 A1 (ABREU) 25 April 2002 (2002-04-25) abstract	1
A	WO 02/087429 A (NOVARTIS AG) 7 November 2002 (2002-11-07) abstract	1
A	US 3 958 560 A (MARCH WAYNE FRONT) 25 May 1976 (1976-05-25) abstract	1
A	US 5 535 743 A (MENZEBACH ET AL) 16 July 1996 (1996-07-16) abstract	1

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/008825

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	<p>BADUGU, R ET AL: "Noninvasive continuous monitoring of physiological glucose using a monosaccharide-sensing contact lens"</p> <p>ANALYTICAL CHEMISTRY, vol. 76, no. 3, 2004, pages 610-618, XP001047317 the whole document</p> <p>-----</p>	1-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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Information on patent family members

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